

EFFICACY REVIEW

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FILE OR REG. NO. 279-3162

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED October 16, 1996

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TYPE PRODUCT(S): (I,)D, H, F, N, R, S _____

DATA ACCESSION NO(S). 441374-01 & -02; D231346; S514249; Case #
039818; AC:305

PRODUCT MGR. NO. 13-LaRocca/Heyward

PRODUCT NAME(S) Talstar® Lawn & Tree Flowable Insecticide/Miticide

COMPANY NAME FMC Corporation Agricultural Products Group

SUBMISSION PURPOSE Provide performance data in support of claims to
control deer tick larvae and nymphs and American
dog tick nymphs and adults in turfgrass.

CHEMICAL & FORMULATION Bifenthrin: (2-methyl[1,1'-biphenyl]-3-yl)
methyl-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclo-
propanecarboxylate* 7.9%

*Cis isomers 97% min-(0.667 lb. active per gallon flowable liquid)
imum, trans isomers 3% maximum

CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession
(MRID) Number 441374-01, having been obtained from a standard field
test meeting the definitions of § 95-11(a)(1) and (6) on p. 267,
requirements of § 95-11(b)(1), (3)-(4) and (6)-(7) on p. 268 and
the standard of § 95-11(c)(2)(i) and (ii)(A)(b) on p. 270 of the
Product Performance Guidelines as well as the application technique
of § 95-4(a)(1) and (5) on p. 246, are adequate to support a claim
for control of nymphal deer tick, *Ixodes dammini*, in turfgrass for
the subject product when applied according to label rates and di-
rections. Similarly, the data presented in MRID No. 441374-02,
having been obtained from a standard field test meeting the same
definitions, requirements and standard, are adequate to support a
claim for control of nymphs and adults of the American dog tick,
Dermacentor variabilis, in turfgrass for the subject product when
applied according to label rates and directions.

RL Vern L. McFarland, IRB